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Circ 8.*

In case that more than two exciting coils are provided, the detecting coil 1c is provided along the longest peripheral surface, at the center thereof, between the adjoining two exciting coils.

**IN THE CLAIMS:**

Amend claims 1 and 3 as follows:

*alt 2  
Suk B2*  
1. (Amended) A stepping motor, comprising:

exciting coils;

a rotor provided with a plurality of N/S poles so as to rotate following a change of an excitation state of the exciting coils; and

a detecting coil provided separately from the exciting coils so as to generate an induction voltage according to rotation of the rotor.

*alt 2  
Suk B2*  
3. (Amended) A driving apparatus, comprising:

a stepping motor having

exciting coils;

a rotor providing with a plurality of N/S poles so as to rotate following a change of an excitation state of the exciting coils; and

a detecting coil provided separately from the exciting coils so as to generate induction voltage according to rotation of the rotor;

a driven member linked with the rotor;

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*On*  
*and*  
*Cur*

a stopper for mechanically stopping the driven member at a predetermined position;  
a first exciting means to normally or reversely rotate the rotor by controlling the excitation state of the exciting coils;  
a second exciting means for reversing the rotor in a direction of making the driven member move toward the predetermined position by controlling the excitation state of the exciting coils;  
a position detecting means for detecting the driven member having abutted the stopper and stopped at the predetermined position on a basis of induction voltage generated in the detecting coil during control by the second exciting means; and  
a controlling means for stopping the first exciting means controlling and starting the second exciting means controlling when an instruction signal is inputted, and for starting the first exciting means controlling and stopping the second exciting means controlling when the position detecting means detects the driven member having stopped at the predetermined position.